IZRAEL'SON, Z.I., prof., red.; KHAMIDULLIN, R.S., red.; BEL'CHIKOVA, Yu.S., tekhn. red.

[Toxicology of rare metals] Toksikologiia redkikh metallov. Moskva, Medgiz, 1963. 335 p. (MIRA 16:7)
(METALS, RARE AND MINOR--TOXICOLOGY)

KHAMIDULLIN, R.S.

Natural boron content of food products in the Tatar and Mari Republics.
Vop. pit. 19 no.2:81-85 Mr-Ap '60. (MIRA 14:7)

1. Iz kafedry obshchey gigiyeny (zav. - prof. V.V.Miloslavskiy)
Kazanskogo gosudarstvennogo meditsinskogo instituta.
(BORON--ANALYSIS) (FOOD--ANALYSIS)

LETAVET, A.A., red.; KANAREVSKAYA, A.A., red.; KHAMIDULLIN, R.S., red.; POGOSKINA, M.V., tekhn. red.; MIRONOVA, A.M., tekhn. red.

[Toxicology of new industrial chemical compounds] Toksikologiia novykh promyshlennykh khimicheskikh veshchestv. Pod red. A.A.Letaveta i A.A.Kanarevskoi. Moskva, Medgiz. No.2.[Toxicology of new industrial chemical compounds] Toksikologiia epoksidnykh smol i nekotorykh metallov. 1961. 181 p. No.3. [Toxicology of organosilicon compounds] Toksikologiia kremniiorganicheskikh veshchestv. 1961. 125 p. (MIRA 15:4)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Letavet).

(EPOXY RESINS--TOXICOLOGY)
(SILICON ORGANIC COMPOUNDS--TOXICOLOGY)

CHERKINSKIY, Samuil Naumovich; TRAKHTMAN, Nadezhda Naumovna; KHAMIDULLIN, R.S., red.; BAIDINA, N.F., tekhn.red.

[Disinfection of potable water] Obezzarazhivanie pit'evoi vody. Moskva, Medgiz, 1962. 273 p. (MIRA 15:5)

(Water--Purification) (Drinking water)

LITVINOV, N.N., prof., red.; RYABOV, V.N., kand. med. nauk, red.;
KHLEBNIKOV, N.I., prof., red.; KHAMIDULLIN, R.S., red.;
CHULKOV, I.F., tekhn.red.

[Hygiene of irrigated agricultural fields; experimental hygienic research]Gigiena zemledel'cheskikh polei orosheniia; eksperimental'nye gigienicheskie issledovaniia. Moskva, Medgiz, 1962. 299 p. (MIRA 16:1)
(SEWAGE—BACTERIOLOGY) (SEWAGE IRRIGATION)
(PUBLIC HEALTH RESEARCH)

GOROMOSOV, M.S., red.; GROMBAKH, S.M., red.; ZHDANOV, V.M., red.; POKROVSKIY, A.A., red.; KROTKOV, F.G., red.; LETAVET, A.A., red.; LITVINOV, N.N., red.; RYAZANOV, V.A., red.; URAZAYEV, N.M., red.; CHERKINSKIY, S.N., red.; KHAMIDULLIN, R.S., red.

[Transactions of the 14th All-Union Congress of Hygienists and Public Health Physicians] Trudy Vsesoiuznogo z"ezda gigienistov i sanitarnykh vrachei, 14. Moskva, Medgiz, 1963. 322 p. (MIRA 18:2)

1. Vsesoyuznyy s"yezd gigiyenistov i sanitarnykh vrachey. 14th. 2. Glavnyy uchenyy sekretar' AMN SSSR (for Zhdanov).

KHAMIDULLIN, Z.G.

A case of multiple locations in eosinophilic granuloma of the skeleton. Ortop.,travm. i protez. 19 no.5:83-84 S-O '58 (MIRA 11:12)

1. Iz kafedry rentgenologii No.2: (zav. prof. D.Ye.Gol'dshteyn) Kazanskogo instituta usovershenstvovaniya vrachey imeni V.I. Lenina i rentgenologicheskogo otdeleniya 5-y gorodskoy klinicheskoy bol'nitsy (glavnyy vrach - M.Ya.Liss).
(EOSINOPHILIC GRANULOMA, case reports (Rus))

KAMALOVA, S.I.; KHAMIDULLIN, Z.G.

Argyria as a result of the treatment of stomach ulcers with silver nitrate. Kaz.med.zhur. no.3:68-69 My-Je '63.
(MIRA 16: 9)

1. Kafedra khirurgii pediatricheskogo fakul'teta (zav. - prof. N.P.Medvedev) Kazanskogo meditsinskogo instituta.
(ARGYRIA) (STOMACH—ULCERS)

KHAMIDULLINA, A. Kh., Doc Med Sci -- (diss) "Certain experimental and clinical data on the state of nervous activity in the early period of life." Kazan', 1959. 22 pp (Min of Health RSFSR. Kazan' State Med Inst). 225 copies (KL,37-59, 111)

67

KHAMIDULLINA, A.Kh.

Vitamin B_{12} and folic acid preparations in the treatment of chronic nutrition disorders. Vop.okh.mat.i det. 5 no.1:50-53 Ja-F '60. (MIRA 13:5)

1. Iz kafedry gospital'noy pediatrii (zav. - prof. Ye.N. Korovayev) Kazanskogo meditsinskogo instituta (dir. R.A. Vyaselev).

(CYANOCOBALAMINE) (FOLIC ACID--THERAPEUTIC USE)
(INFANTS--DISEASES)

KHAMIDULOV, Kh.N., podpolkovnik, kand.voyennykh nauk

Commander prepares tactical exercises. Vest.Vozd.Fl. no.3:23-28 Mr '60. (MIRA 13:9)

(Air warfare)

KHAMIDULOV, Kh.N., podpolkovnik

I solved (answer to problem in No.6, 1961). Vest. Vozd. Fl. no.10:65 O '61. (MIRA 15:2)
(Bombing, Aerial)

KHAMIDZHANOVA, M.

"Eanyatiya i material'naya kul'tura gornykh tadzhikov-matchintsev, pereselivshikhsya na vnov' oroshennye zemli."

report submitted for 7th Intl Cong, Anthropological & Ethnological Sciences, Moscow, 3-10 Aug 64.

BRODSKIY, A.M.; KHAMIN, N.A.

Cutter with a plastic holder. Mashinostroitel' no.7:26 Jl '65.
(MIRA 18:7)

KHANIN, N. S., Engineer Cand Tech Sci

Dissertation: "Investigation of High-Speed Volumetric Supercharger."

28/6/50

NAMI-All-Union Sci Res Automobile and Automotive Inst.

SO Vecheryaya Moskva
Sum 71

VASILOV, S.I.; NIKOLAYEV, V.I.; KHAMIN, N.S.

Quantitative determination of cardiac glycosides in solutions by the method of objective luminescence analysis. Apt. delo 11 no.1: 34-39 Ja-F '62. (MIRA 15:4)

1. Chitinskiy meditsinskiy institut.
(CARDIAC GLYCOSIDES) (LUMINESCENCE)

KHAMINA, V.P.

Characteristics of quartz sands in Lyubim and Prechistoye Districts, Yaroslavl Province. Sbor. stud. nauch. rab. Kaf. stud. ob-va IAr. gos. ped. inst. no.3:79-86 '59. (MIRA 14:7)

1. Nauchnyye rukovoditeli starshiye prepodavateli V.A. Novskiy i O.A. Kosyakina.

(Lyubim District--Quartz)
(Prechistoye District(Yaroslavl Province)--Quartz)

AUTHOR: Khaminov, D.V.

TITLE: Dependence of the Amplification Factor of a Sonic Focussing System on the Intensity of Ultrasound in Water. (Zavisimost' koeffitsiyenta usileniya zvukovoy fokusiruyushchey sistemy ot intensivnosti ul'trazvuka v vode)

PERIODICAL: Akusticheskiy Zhurnal, 1957, Vol.III, Nr 3, pp.294-296 (USSR)

ABSTRACT: When ultrasonic waves are propagated in a liquid the coefficient of absorption for large intensities (beginning with a few hundredths of a watt per cm^2) increases with intensity (Refs.1, 2 and 3). For example, at $I = 2$ W/cm^2 at a frequency of 1.5 Mc/s, α/f^2 increases by a factor of 10 compared with the corresponding value at low intensities (Ref.3). For this reason the amplification factor of any focussing ultrasonic system which can be determined as the ratio of the intensity of ultrasound at the focus to the mean intensity at the output of the focussing device, will decrease with increasing intensity. It is usual to neglect the absorption in the medium when calculating the intensity at the focus and to determine the amplification factor from diffraction relations between the wave length of the ultrasonic wave and the parameters of the system

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R000721720013-8"

Dependence of the Amplification Factor of a Sonic Focussing System on the Intensity of Ultrasound in Water.

(Refs.4 and 5). In (Ref.6) the coefficient of absorption is taken into account for small intensities and the frequency at which a given focussing system has a maximum amplification factor is computed. However, in practice one has to work with a given frequency usually. For frequencies up to 5-6 Mc/s by taking into account the absorption coefficient in the case of water one obtains at low intensities a correction of only a few per cent. Additional absorption may lead to a considerable decrease in the amplification factor at high frequencies. In order to throw light on this problem the author has carried out measurements of the amplification factor for a sonic focussing system as a function of intensity. The focussing device was a plexiglass lens with a focal length of 10.5 cm. All the measurements were carried out in distilled water at a frequency of 2000 kc/s. The lens was set up parallel to the radiating quartz plate at a distance of 1.5 cm from the latter. The diameter of the sonic beam was 3 cm. Fig.1 shows the dependence of the

KHAMINOV, D.V.

Dependence of the gain of a sound focusing system on the intensity of ultrasonic waves in water. Akust. zhur. 3 no.3:294-296 Jl-S '57. (MIRA 10:8)

1. Laboratoriya akustiki Moskovskogo gosudarstvennogo universiteta.
(Ultrasonic waves)

KHAMINOV, D. V.

"Absorption of Ultrasonic Waves of Finite Amplitude in Water."

paper presented at the 4th All-Union Conf. on Acoustics, Moscow, 26 May - 4 June. 58.

SOV/46-5-2-6/34

AUTHORS: Krasil'nikov, V.A. and Khaminov, D.V.

TITLE: Propagation of Ultrasonic Waves of Finite-Amplitude in a Relaxing Liquid (Rasprostraneniye ul'trazvukovykh voln konechnoy amplitudy v relaksiruyushchey zhidkosti)

PERIODICAL: Akusticheskiy zhurnal, 1959, Vol 5, Nr 2, pp 166-169 (USSR)

ABSTRACT: The authors studied propagation of finite-amplitude ($p = 0.1 - 3$ atm) ultrasonic waves of 0.5, 1 and 2 Mc/s frequency in acetic acid solutions of 25, 50, 80 and 98% concentrations at 22 $\pm 2^{\circ}$C. Acetic acid is a typical relaxing liquid (relaxation frequency of 0.5 Mc/s at 20°C). For the sake of comparison, ultrasonic propagation was also studied in pure glycerine, which is a non-relaxing, strongly absorbing liquid. For each liquid the fundamental (first) and second-harmonic amplitudes were measured as functions from the distance of the source. From these amplitudes the following were calculated quantities at each frequency: the absorption coefficient α for the fundamental frequency; the initial pressure at the radiator at the source p_{10}; the ratio of the peak amplitude of pressure of the second

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Propagation of Ultrasonic waves of Finite-Amplitude in a Relaxing Liquid

harmonic to the initial pressure p_2/p_{10}; distance from the source at which the second harmonic became stable x_m. The absorption coefficient α was determined from the graph of log p(x) using the formula

$$\alpha(x) = \triangle \ln p(x)/\triangle x.$$

Extrapolation of this graph to low values of x gave the value of sound pressure p_{10} at the source. Results of these measurements are listed in Tables 1 and 2 (col.2 of Table 1 gives sound velocities taken from I.G. Mikhaylov's paper in Doklady AN SSSR, Vol.31, Nr.4, 324-336, 1941). The authors measured also the phase difference between the fundamental and the second harmonic, and deduced dispersion in acetic acid at 0.5 - 4 Mc/s: $\Delta c/c$ = 1.2, 0.3 and 0.25% for acetic acid solutions of 98, 80 and 50% concentrations respectively. From the results obtained the authors draw the following conclusions: (1) The total absorption coefficient of 0.1 - 3 atm waves in acetic acid does not depend on the distance from the source and the value of the initial pressure, and, within the limits of

Propagation of Ultrasonic Waves of Finite-Amplitude in a Relaxing Liquid

experimental error, the coefficient is the same as that found on propagation of waves of very small amplitude;
(2) the relative magnitude of the second harmonic is very small (it is of the order of 1% in 98% acetic acid at pressure p_{10} exceeding 1 atm);
(3) the relative contribution of the third harmonic is at least one order smaller than that of the second harmonic;
(4) propagation of waves of finite amplitude in glycerine is qualitatively of the same nature as propagation of such waves in acetic acid near its relaxation frequency;
(5) on propagation of waves of finite amplitude in a relaxing liquid the nature of the relaxation process is not affected, but this conclusion does not necessarily apply to relaxing liquids with low attenuation;
(6) the results obtained for acetic acid agree satisfactorily with the theory of propagation of finite-amplitude waves in gases proposed by Thuras, Jenkins and O'Neil (Ref.4).

SOV/46-5-2-6/34

Propagation of Ultrasonic Waves of Finite-Amplitude in a Relaxing Liquid

There are 1 figure, 2 tables and 5 references, of which 2 are Soviet and 3 English.

ASSOCIATION: Kafedra akustiki Moskovskogo gosudarstvennogo universiteta (Chair of Acoustics, Moscow State University)

SUBMITTED: November 12, 1957

Card 4/4

ACC NR: AT6021087 (N) SOURCE CODE: UR/2531/66/000/198/0141/0153

AUTHOR: Khaminov, I. A.

ORG: None

TITLE: Periodicity of long term icing intensity fluctuations of the Baltic sea

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya, Trudy, no. 198, 1966, Voprosy obshchey i sinopticheskoy klimatologii (Problems of general and synoptic climatology), 141-155

TOPIC TAGS: climatology, sea ice, ice cover periodicity, ice solar activity correlation / Baltic Sea

ABSTRACT: The paper investigates long term periodicities of the Baltic sea icing intensity, found to be correlated with certain atmospheric processes as well as with solar activity cycles. The aim was to find a basis for long term and hyperlong term weather forecasting. The icing intensity of the Baltic sea was studied first. The icing indices comprised 1) the maximum area of yearly ice spread over the Baltic sea, for the period 1719-20 - 1956-57;2) the ice status in the Dutch waters, estimated on a 10 point system, 1767-68 to 1859-60; 3) the average air temperature at Copenhagen, 1900-1957, and 4) the ice thaw dates at the port of Riga. Periodogram analysis of the icing indices revealed their cyclic nature. The results were compared with the periodicities of selected meteorological indicators, represented by three Vangenheim forms of atmos-

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pheric circulations (W,E and C); the morphometric characteristics of the Icelandic low of Abramov; and the average yearly atmospheric gradient IMD-VSM. The analysis again showed a correlation, suggesting some common activating cause. Studies of long term oscillations of the atmospheric pressure differences "January to July" on a planetary scale led to the conclusion that their quasiperiodic part in the 2 - 20 years range is basically connected with the oscillations of the solar activity. Periodicities of the above various geophysical indices were then compared with those of the solar activity and were found to be related, particularly in the nature of their phase shifts. Thus the solar activity suggests itself as a concept of a single dominant influence of the long term cycles of many geophysical processes. The concept can be applied to the Baltic sea icing intensity. It thus enables an approach to a statistical model for the forecasting of the Baltic sea icing.

SUB CODE: 08, 04 / SUBM DATE: none/ ORIG REF: 009

Card 2/2

TIMOFEYEV, V.P., inzhener; KHAMISH, L.Ya., inzhener.

Improving the level of the course "Technology of the sewing industry."
Leg.prom. [16] no.11:16 N '56. (MLRA 10:1)
(Clothing industry)

KHAMISH, L.Ya. (Kiyev)

Efficiency promoters of the "Children's Clothing" Factory No.4.
Shvein.prom. no.6:32-33 N-D '62. (MIRA 15:12)
(Kiev--Clothing industry)
(Efficiency, Industrial)

KRAMAROV, P.I.; KHAMISH, L.Ya. (Kiyev)

Characteristics of work organization and some modifications of the conveyor design on small-output production lines. Shvein. prom. no.1:6-7 Ja-F '63. (MIRA 16:4)

(Clothing industry)
(Assembly-line methods)

KHAMISH, L.Ya.

Technological characteristics of the cutting and sewing of "poroBon" interfacing in the manufacture of children's clothing. Leh. prom. no.2:55-57 Ap-Je '63. (MIRA 16:7)

1. Kiyevskaya shveynaya fabrika No.4 "Detskaya odezhda."
(Children's clothing) (Textile fabrics)

KHAMISH, L.Ya.

Manufacture of children's pants from plaid fabrics without allowance for pattern matching when cutting. Leh.prom. no.3:40-41 Jl-S '63. (MIRA 16:11)

KHAMISH, L.Ya.; BUNINA, O.F. (Kiyev)

For a more efficient utilization of the working time. Shvein. prom. no.1:29 Ja-F '64. (MIRA 17:3)

BUNINA, O.F. (Kiyev); KHAMISH, L.Ya. (Kiyev)

Produce high-quality children's clothing. Shvein.prom. no.2:31-33 Mr-Ap '65. (MIRA 18:6)

MARSHAL, V.P.; KHAMISH, L.Ya.; BUNINA, O.F. (Kiyev)

Standardization of the parts and assemblies of children's clothing. Shvein. prom. no. 6:34-38 N-D '65. (MIRA 18:12)

KHAMISHON, A.Z.

A class of functions from normally positive operators in Banach spaces. Sib. mat. zhur. 6 no.5:1163-1175 S-O '65. (MIRA 18:10)

KHANITOV, E. SH.

PHASE I BOOK EXPLOITATION SOV/5572

Akademiya nauk SSSR. Astronomicheskiy sovet

Byulleten' stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli. no. 4 (14) (Academy of Sciences of the USSR. Astronomic Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites. No. 4 (14))Moscow, 1960. 26 p. 500 copies printed.

Sponsoring Agency: Astronomicheskiy sovet Akademii nauk SSSR.

Resp. Ed.: Ye. Z. Gindin; Ed.: D. Ye. Shchegolev; Secretary: O. A. Severnaya.

PURPOSE: This bulletin is intended for scientists and engineers concerned with optical tracking of artificial satellites.

COVERAGE: The bulletin contains a brief report on phenomena observed during the impact of the second Soviet cosmic rocket on the moon as well as articles on the results of observations of various artificial earth satellites and Draconids, methods of observat'on used in Hungary, a translation of an article on satellite observation from Sky and Telescope , and a description of a

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device for recording the pulses of a chronometer. No personalities are mentioned. There are 21 references: 8 Soviet, 11 English, and 2 German.

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10-19-61

ZAYTSEV, A.A.; KHAMITOV, E.Sh.

Using an IP pulse relay attachment for switching the contact device of a chronometer. Biul.sta.opt.nabl.isk.sput Zem. no.4: 8 '60. (MIRA 13:11)

1. Stantsiya nablyudeniya iskusstvennykh sputnikov Zemli, g.Birsk.
(Chronometer)

KHAMITOV, E.Sh. (Birsk)

Demonstration of changes in the temperature of gases in quick expansion and compression. Fiz. v shkole 21 no.2:86 Mr-Ap '61. (MIRA 14:8)

(Gases--Thermal properties)

KHAMITOV, E.Sh. (Kuybyshev)

More on the examination system. Fiz.v shkole 22 no.6:38-39 N-D '62. (MIRA 16:2)

(Physics--Study and teaching)

KHAMITOV, Kh.S., assistent; KHAMITOV, F.S., student

Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kaz. med. zhur. no.6:21-24 N-D '61. (MIRA 15:2)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkova) i kafedra khirurgicheskoy stomatologii (zav. - prof. Ye.A.Domracheva) Kazanskogo meditsinskogo instituta.
(PEPTIC ULCER) (CHOLINE) (SALIVA)
(BLOOD--ANALYSIS AND CHEMISTRY)

KHAMITOV, F.S., aspirant

Mechanism of trophic disorders in the oral cavity. Vop. obshchei stom. 17:72-73 '64.

(MIRA 18:11)

KHAMITOV, F.S.

Role of neurohumoral factors in trophic disorders of the oral cavity in experimental gastric ulcer in dogs. Nauch. trudy Kaz. gos. med. inst. 14:321-322 '64. (MIRA 18:9)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkova) i kafedra khirurgicheskoy stomatologii (zav. - prof. Ye.A. Domracheva) Kazanskogo meditsinskogo instituta.

KHAMITOV, K. K.

"Broad Leaved Forests of the Bashkir Ural." Cand Biol Sci, Kazan' State U, Kazan', 1954. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)
SO: Sum. No. 556, 24 Jun 55

KHAMITOV, Kh. S.

"Some Neuroreflex Control Mechanisms of the Smooth Muscles." Cand Med Sci, Kazan' State Medical Inst, Kazan', 1953. (RZhBiol, No 6, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

KHAMITOV, Kh.S.

Physiological role of chemical mediators in reflex regulation of the smooth muscles. Fiziol.zhur. 44 no.5:485-490 My'58 (MIRA 11:6)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta, Kazan'.
(MUSCLES, physiology
chem. mediators in reflex regulation of smooth musc. (Rus))

KIBYAKOV, A.V., KHAMITOV, Kh.S.

Mechanisms of the tropic effect of the ganglion apparatus on the post-ganglionic chain of smooth muscle innervation. Fiziol. zhur. 44 no.8:747-754 Ag '58 (MIRA 11:9)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta, Kazan'.
(SYMPATHETIC NERVOUS SYSTEM, physiology
trophic eff. of ganglionic appar. on post-ganglionic chain of smooth musc. innervation (Rus))
(MUSCLES, innervation
same (Rus))

USSR/Human and Animal Physiology - Metabolism. Ferments. T-1

Abs Jour : Ref Zhur - Biol., No 18, 1958, 83943

Author : Firer, L.D., Khamitov, Kh.S.
Inst : -
Title : Kinetics of Cholinesterase of Smooth Muscle Organs after the Removal of the Pancreas in Frogs.

Orig Pub : Byul. eksperim. biol. i med., 1957, 44, No 11, 14-17

Abstract : Before and beginning with the 2nd to 14th days after removal of the pancreas (P), cholinesterase (CE) activity within smooth muscle organs of frogs was determined. The stomach's muscular layers, abdominal aorta tissue, lung parenchyma, and urine bladder were used as specimens for the investigation. During the fall and winter seasons, CE activity was constant in intact animals. It became sharply intensified in spring, during March and April, and then again returned to its initial magnitude. After P was removed, CE activity of smooth muscle organs became more intensive.

Card 1/2

Chair of Normal Physiology, Kazan Med. Inst.

KHAMITOV, Kh.S., ORLOV, R.S.

Smooth muscle contractions. Fiziol.zhur. 44 no.12:1137-1139 D'58 (MIRA 12:1)

1. Kafedra normal'noy fiziologii Meditsinskogo instituta, Kazan'.
(MUSCLES, physiol.
contraction of smooth musc. (Rus))

KHAMITOV, Kh.S., kand.med.nauk

Quantitative registration of some vegetative-humoral changes in the blood. Kaz. med. zhur. no. 4:48-49 Jl-Ag '60.
(MIRA 13:8)

1. Iz kafedry normal'noy fiziologii (zav. - prof. I.N. Volkova) Kazanskogo meditsinskogo instituta.
(NERVOUS SYSTEM, AUTONOMIC) (CHOLINE)
(BLOOD--EXAMINATION)

AKHUNZYANOV, KH.Z.; KHAMITOV, Kh.S.

Problem of mechanism of action of the posterior spinal nerve roots on the smooth musculature. Biul. eksp. biol. i med. 49 no. 4:12-14 Sp '60. (MIRA 13:10)

1. Iz kafedry normal'noy fiziologii (zav. - doktor meditsinskikh nauk I.N. Volkova) Kazanskogo meditsinskogo instituta (dir. - dotsent R.A. Vyaselev).

(NERVES, SPINAL) (MUSCLES)

MALKINA, D.I.; KHAMITOV, Kh.S.

Interrelationship of mediators of nervous excitation and various electrolytes. Report No. 1: On the relationship of the acetylcholine - cholinesterase system and the potassium and calcium salts in the blood of dogs following partial depancreatization. Biul. eksp.biol.i med. 50 no.9:37-41 S '60. (MIRA 14:1)

1. Iz kafedry normal'noy fiziologii (zav. - prof. I.N.Volkova) Kazanskogo meditsinskogo instituta.

(CHOLINE) (CHOLINESTERASE) (POTASSIUM)
(CALCIUM) (PANCREAS--SURGERY)

MALKINA, D.I.; KHAMITOV, Kh.S.

Dynamics of cholinergic reactions of the blood and saliva in pancreatectomized dogs. Fiziol. zhur. 46 no. 5:565-571 My '60. (MIRA 13:12)

1. From the Chair of Normal Physiology of the Medical Institute, Kazan.

(PANCREAS) (CHOLINE) (CHOLINESTERASE) (SALIVA)

ORLOV, R.S.; KHAMITOV, Kh.S.

Changes in the lability of smooth muscle during the stimulation of sympathetic and parasympathetic nerves. Biul.eksp. biol. i med. 49 no.2:22-26 F '60. (MIRA 14:3)

1. Iz kafedry fiziologii I Leningradskogo meditsinskogo instituta imeni I.P.Pavlova i kafedry fiziologii (zav. - chlen-korrespondent AMN SSSR prof. A.V.Kibyakov) Kazanskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSSR V.V.Parinym.
(NERVOUS SYSTEM, SYMPATHETIC)
(NERVOUS SYSTEM, PARASYMPATHETIC)
(MUSCLE)

KHAMITOV, Kh.S., assistant; KHAMITOV, F.S., student

Cholinergic properties of the saliva and blood in acute experimental ulcer of the stomach and chronic peptic ulcer in man. Kaz. med. zhur. no.6:21-24 N-D '61. (MIRA 15:2)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkova) i kafedra khirurgicheskoy stomatologii (zav. - prof. Ye.A.Domracheva) Kazanskogo meditsinskogo instituta.
(PEPTIC ULCER) (CHOLINE) (SALIVA)
(BLOOD--ANALYSIS AND CHEMISTRY)

KHAMITOV, Kh.S., dotsent; SHCHERBATENKO, S.I., dotsent

Role of the acetylcholine and cholinesterase system in pathology.
Kaz. med. zhur. no.5:89-93 S-O'63 (MIRA 16:12)

1. Kafedra normal'noy fiziologii (zav. - prof. I.N.Volkova) i kafedra fakul'tetskoy terapii (zav. - prof. Z.I.Malkin) Kazanskogo meditsinskogo instituta.

KHAMITOV, Kh.S.

Interaction between the pancreas and the acetylcholine-cholinesterase system. Fiziol. zhur. 49 no.7:857-862 Jl '63.
(MIRA 17:11)

1. From the Department of Physiology, Medical Institute, Kazan.

VOROBIEVA, O.I.; KHAMITOV, Kh.G.

Cholinergic processes in the pathology of experimental diabetes mellitus. Nauch. trudy Kaz. gos. med. inst. 14:161-162 '64.
(MIRA 18:9)

1. Kafedra fiziologii (zav. - prof. I.N.Volkova) Kazanskogo meditsinskogo instituta.

KHAMITOV, Kh.S.

Biosynthesis of acetylcholine in the tissues of depancreatized animals. Nauch. trudy Kaz. gos. med. inst. 14:319-320 '64.
(MIRA 18:9)

1. Kafedra fiziologii (zav. - prof. I.N.Volkova) Kazanskogo meditsinskogo instituta.

KHAMIDOV, M.Kh. [deceased]

Role of fold structures in the formation of the postmagmatic deposits of rock crystal as revealed by a study of the western Pamirs. Trudy Inst. geol. AN Tadzh. SSR 8:15-20 '64.

(MIRA 17:11)

KHAMITOV, N.O.

Effect of baths on the productivity of lactating cows under hot climatic conditions. Dokl. AN Uz.SSR no.7:63-65 '58. (MIRA 11:10)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno akademikom AN UzSSR A.Yu.Yunusovym.
(Cows) (Baths)

KHAMITOV, N.G.

Effect of bathing on changes in the morphological content of the blood of lactating cows in warm climates. Dokl.AN Uz.SSR no.9:63-65 '58. (MIRA 11:12)

1. Institut zoologii i parazitologii AN UzSSR. Predstavleno akademikom AN UzSSR A.Yu.Yunusovym.
(Cows) (Blood--Analysis and chemistry)

KHAMITOV, N.G.

Effect of an SK-9 emulsion on certain economic and physiological characteristics of cows. Usb.biol.zhur. no.1:53-57 '60.
(MIRA 13:6)

1. Institut zoologii i parazitologii AN UzSSR.
(COWS) (BATHS--PHYSIOLOGICAL EFFECT)

KHAMITOV, N. G.

Cand Agr Sci - (diss) "Effect of baths under showers on several physiological and economic indices of hens under conditions of the hot climate of Usbekistan." Alma-Ata, 1961. 22 pp; (Ministry of Agriculture Kazakh SSR, Alma-Ata Zooveterinary Inst); 200 copies; price not given; (KL, 10-61 sup, 222)

KHAMITOV, N.G.

Variation of physiological and economic indices in cows as related to the season and the time of lactation. Uzb. biol. zhur. no.3: 60-64 '60. (MIRA 13:7)

1. Institut zoologii i parazitologii AN UzSSR.
(CATTLE—PHYSIOLOGY) (LACTATION)

KHAMITOV, R. A.

Cand Agr Sci - (diss) "Fundamental improvement of low-productivity meadows in the mountains of the Zailiyskiy Ala-Tau." Alma-Ata, 1961. 23 pp; (Ministry of Higher and Secondary Specialist Education Kazakh SSR, Alma-Ata Zooveterinary Inst); 150 copies; price not given; (KL, 10-61 sup, 222)

ACC NR: AP7011831 SOURCE CODE: UR/0079/66/036/010/1862/1862

AUTHOR: Grechkin, N. P. Khamitov, R. N.

ORG: none

TITLE: New method of producing azetidides of dialkylphosphoric acids

SOURCE: Zhurnal obshchey khimii, v. 36, no. 10, 1966, 1862

TOPIC TAGS: chemistry technique, phosphoric acid, azetitide

SUB CODE: 07

ABSTRACT: Azetidine reacts readily with dialkylphosphites and carbon tetrachloride, to form azetidides of dialkylphosphoric acids. Azetidides of diethylphosphoric, di-n-propylphosphoric, and di-n-butylphosphoric acids were prepared in 77 to 85% yields by conducting the reaction in ether solution at temperatures from -5° to +5°. Their properties were identical with those prepared from the acid chlorides and by transamidation. The method is said to be convenient and gives high yields. [JPRS: 40,351]

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UDC: 547.26'118

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GRECHKIN, N.P.; KHAMITOV, R.N.

Organophosphorus derivatives of azetidine. Phosphoric acid azetidides. Dokl. AN SSSR 162 no.5:1063-1064 Je '65. (MIRA 18:7)

1. Khimicheskiy institut im. A.Ye. Arbuzova AN SSSR. Submitted December 7, 1964.

KLAVICH, S. Ya. --

"The Significance of Changes in the Vascular Walls in the Development of Thrombosis of the Heart During Coronary Deficiencies." Chief Med Sci, Second Moscow State Medical Inst, Moscow, 1953. (Author's, No 2, Sep 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (10)

SO: Sum. No. 481, 5 May 55

KHAMITOV S. KH.

USSR/Human and Animal Morphology. (Normal and Patholo- S-4
gical). Circulatory System

Abs Jour: Ref Zhur - Biol., No 19, 1958, 88439

Author : Khamitov, S. Kh.; Azhibayev, K. A.

Inst : AS Kirgiz SSR

Title : Morphological Changes In the Heart in Electro-
cution

Orig Pub: Tr. Konferentsii po elektrotravme, 1956, Frunze,
AN KirgSSR, 1957, 75-78

Abstract: 24 dogs were subjected to the action of an alternating
current of the intensity of 70-200 v. for a period of
1-60 min. Microscopical changes of the heart are de-
scribed, corresponding to the picture of myocardial
infarction, which were also observed microscopica-
lly. It is probable that the changes are associated

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KHAMITOV, S.Kh.

Age-related changes in the thyroid gland and forms of endemic goiter in the Chu Valley. Izv. AN Kir. SSR. Ser. biol. nauk 2, no.6:53-56 '60. (MIRA 14:6)
(CHU VALLEY--GOITER)

KHAMITOV, S.Kh.; KONONOV, V.S.

Pathomorphology of endemic goiter in Dzhalal-Abad Province. Izv. AN Kir. SSR. Ser. biol. nauk 2 no.6:57-62 '60. (MIRA 14:6)
(DZHALAL-ABAD PROVINCE—GOITER)

KHAMITOV, S.Kh.; TURMAMBETOV, S.

Comparative morphology of the thyroid gland. Izv. AN Kir. SSR. Ser. biol. nauk 2 no.6:79-84 '60. (MIRA 14:6)
(THYROID GLAND)

KHAMITOV, S.Kh.

Hemorrhages into the wall of the coronary arteries of the heart. Sov. zdrav. Kir. no.3:22-26 My-Je '62. (MIRA 15:5)

1. Iz kafedry patologicheskoy anatomii 2-go Moskovskogo gosudarstvennogo meditsinskogo instituta imeni N.I.Pirogova (zav. - deystvitel'nyy chlen AMN SSSR prof. I.V.Davydovskiy).
(HEMORRHAGE) (CORONARY VESSELS)

PACHES, A.I.; KHAMITOV, S.Kh.

Combination of histogenetically different malignant tumors of the brain and parotid gland. Vop.onk. 7 no.5:85-88 '61. (MIRA 15:1)

1. Iz kafedry fakul'tetskoy khirurgii (zav. - prof. Z.I. Igemberdiyev) i sudebnoy meditsiny (zav. - kand.med.nauk S.Kh. Khamitov) Kirgizskogo gosudarstvennogo meditsinskogo instituta (dir. - F.N. Nurgaziyeva).
(BRAIN--CANCER) (PAROTID GLANDS--CANCER)

AUTHOR: Khamitov, Sh.Sh., Engineer (Moscow)

105-58-5-13/28

TITLE: The Investigation of a D.C. Motor as the Object of the Optimal Control System (Issledovaniye dvigatelya postoyannogo toka kak ob"yekta optimal'noy sistemy regulirovaniya)

PERIODICAL: Elektrichestvo, 1958, Nr 5, pp. 55-59 (USSR)

ABSTRACT: At the same operational conditions for the motor as menticned (Refs 1-5) the optimal armature current diagram is determined in the case of intermittant operation in consideration of heat transfer at the armature winding, and the problem of determining optimal armature-current- and induction-current diagrams in the case of their simultaneous modification is investigated. This investigation showed that the optimal mode of operation of the drive can be warranted by the modification, according to a certain rule, of both the armature current and the induction current or of both currents simultaneously. The following summary is given: 1.) If, in the case of intermittent operation, the limitation of heating is the decisive factor, the diagram (7) is the optimal diagram warranting efficacy of maximum rapidity. In the case of high values of the time constant in connection with the heating of

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armature winding in comparison with the operation time t_p and the electromechanical drive constant, the diagram (7) differs only slightly from the rectilinear one. The latter warrants a minimum of energy consumption by starting. 2.) There exists quite a number of pairs of laws concerning the modification of armature- and induction currents, which correspond to one another, and which warrant a rapid effect if full advantage is taken of the motor with respect to heating. The rectilinear armature-current diagram in the case of an invariable induction current is one of the special cases. There are 3 figures, and 6 references, which are Soviet.

SUBMITTED: September 20, 1957

AVAILABLE: Library of Congress

1. Electric motors (DC)--Control systems 2. Electric motors (DC) --Performance 3. Control systems--Analysis

8(5)

AUTHOR: Khamitov, Sh. Sh. SOV/20-124-2-21/71

TITLE: On the Problem of Determining the Optimum Current Diagrams of a Direct-Current Motor (K voprosu opredeleniya optimal'nykh diagramm toka dvigatelya postoyannogo toka)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 2, pp 318-320 (USSR)

ABSTRACT: Short reference is first made to some earlier papers dealing with this subject. In the present paper another method is suggested for the purpose of solving this problem with two currents. The diagram of one of the currents is given in form of an arbitrary function which is smooth in the interval $(0,\tau_p/2)$, and the diagram of the second current warrants, together with the first current, the quickest possible effect at the highest permissible load (with respect to heating) of the armature- and excitor coils (τ_p denotes the duration of the operation). The current of static load and the saturation of the magnetic conductor are not taken into account. The relative units used are defined and formulas are given for the

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On the Problem of Determining the Optimum Current Diagrams of a Direct-Current Motor SOV/20-124-2-21/71

duration τ_{cycl} of the switching-in cycle. The problem to be dealt with by the present paper comprises the task of finding the function $i(\tau)$ which minimizes the functional $\tau_{cycl} = 2\int_0^{\tau_p/2} i^2 d\tau$. For this purpose, the conditions and the equations of the dynamic ji=dν/dτ must be satisfied. Here α_p denotes the angle to be investigated, and ν_{max} the velocity at point $\tau_p/2$. Expressions are then written down for an auxiliary functional and for the corresponding Euler equation. If the diagram for one current is given, the optimum law for the variation of the second current is found by integration of the diagram of the given current. There are 3 Soviet references.

ASSOCIATION: Institut avtomatiki i telemekhaniki Akademii nauk SSSR (Institute for Automation and Telemechanics of the Academy of Sciences, USSR)

PRESENTED: September 13, 1958, by V. S. Kulebakin, Academician
SUBMITTED: September 13, 1958

Card 2/2

KHAMITOV, Sh., Sh., Cand Tech Sci (diss) -- "Optimal transitory processes of a DC follower electric drive". Moscow, 1959. 15 pp (Acad Sci USSR, Inst of Automatics and Telemechanics), 200 copies (KL, No 11, 1960, 135)

KHAMITOV, Sh.Sh.

Optimum current diagrams for d.c. motors under short-period, intermittent operation. Izv. AN Uz. SSR. Ser. tekh. nauk no.4: 3-19 '59. (MIRA 13:1)

1. Institut avtomatiki i telemekhaniki AN SSSR.
(Electric motors, Direct current)

KHAMITOV, Sh.

Use of electric methods in measuring water flooding of industrial oil wells. Izv. AN Uz. SSR. Ser. tekh. nauk 7 no.5:16-22 '63. (MIRA 17:2)

1. Institut energetiki i avtomatiki AN UzSSR.

KHAMITOV, V.N.

Device for worm winding. Mashinostroitel' no.12:19 D '63.
(MIRA 17:1)

KHAMITOVA, A.M.

Use of the anamnestic method of demography for the study and the sanitary characteristics of the reproduction processes of the rural population in the Central Asian republics. Sov. zdrav. Kir. no.4/5:95-99 Jl-O'63 (MIRA 17:1)

KHAMITOVA, A.M., aspirant

Birth rate and fertility in the urban population of the Uzbekistan S.S.R. Med. zhur. Uzb. no.5:59-64 My'63
(MIRA 17:4)

1. Iz otdeleniya statistiki zdorov'ya naseleniya (zav. - prof. A.M.Merkov) Instituta organizatsii zdravookhraneniya i istorii meditsiny imeni N.A. Semashko.

SHAMIRZAYEV, V.Yu.; KHAMITOVA, A.M.

Medical care without registration in outpatient institutions of Tashkent. Zdrav. Ros. Feder. 5 no. 2:15-18 F '61. (MIRA 14:2)

1. Iz Tashkentskogo gorodskogo otdela zdravookhraneniya.
(TASHKENT—HOSPITALS—OUTPATIENT SERVICES)

KHAMITOVA, A.M., aspirant; BEDNYY, M.S., aspirant; MADIYEV, N., aspirant

On the occasion of a "methodological letter." Zdrav. Ros. Feder. 7 no.9:43-44 S '63. (MIRA 16:10)

1. Institut organizatsii zdravookhraneniya i istorii meditsiny imeni N.A. Semashko.

VOLKOVA, M.I.; DIALEKTOVA, M.A.; KHAMITOVA, A.N.; CHERENKOVA, V.A.

Testing the toxic effect of tetraethyldithiopyrophosphate on synanthropic flies. Uch. zap. Kaz. un. 117 no.9:268-272 '57. (MIRA 13:1)

1.Kazanskiy gosudarstvennyy universitet im. V.I. Ul'yanova-Lenina. Kafedra zoologii bespozvonochnykh.
(Thiopyrophosphoric acids) (Flies--Extermination)

KHAMITOWA, M. N.

Khamitova, M. N. - "The case of a defect in the plastic periosteum of the lower maxillary during bloody reposition," Sbornik trudov Nauch.-issled. in-ta ortopedii, travmatologii i protezirovaniya (M-vo zdravookhraneniya UZ SSR), Vol. I, 1948, p. 243-45

SO: U-4934, 29 Oct 53, (Letopis 'Zhurnal 'nykh Statey, No 16, 1949).

KHAMITOVA, M. N.

28020. KHAMITOVA, M. N. -- O khronicheskikh ognestrel'nykh osteomielitakh chelyustey. Trudy pervoy nauch. Mezhresp. Konf-tsii po lecheniyu invalidov otechestv. Voyny u sred. Azii. Tashkent, 1949. S. 199-204.

SO: Letopis' Zhurnal'nykh Statey. Vol. 37, 1949,

KHAMITOVA, M.N., mladshiy nauchnyy sotrudnik.

New method of plastic surgery for harelip introduced by L.M. Obukhova. Stomatologiia no.4:39-41 Jl-Ag '55 (MLRA 8:10)

1. Iz otdeleniya chelyustno-litsevoy khirurgii (zav. zasluzhennyy deyatel' nauk A.F.Keyzer) Uzbekskogo nauchno-issledovatel'skogo instituta ortopedii, travmatologii i protezirovaniya (dir.--kandidat meditsinskikh nauk A.Sh.Shakirov)
(HARELIP, surgery
Obukhovaia's method)

KHAMITOVA, M. N. Cand Med Sci -- (diss) "Acquired defects of the palate and their treatment." ~~1957~~ Tashkent, 1957. 11 pp (Uzbek Sci Res Inst of Traumatology and Orthopedics), 150 copies (KL, 3-58, 100)

KHAMITOVA, M.N., mladshiy nauchnyy sotrudnik (Tashkent)

Phonetic and speech disorders in patients with acquired defects of the palate. Stomatologiia 36 no.4:43-45 Jl-Ag '57. (MIRA 10:11)

1. Iz kliniki chelyustno-litsevoy khirurgii (zav. - kandidat meditsinskikh nauk A.F.Keyzer) Nauchno-issledovatel'skogo instituta travmatologii i protezirovaniya (dir. - kandidat meditsinskikh nauk A.Sh.Shakirov)
(PALATE--WOUNDS AND INJURIES)
(SPEECH, DISORDERS OF)

KHAMITOVA, M.N., mladshiy nauchnnyy sotrudnik

Bandage for fastening the hand to the head in plastic surgery of the palate involving a Filatov tube graft. Stomatologiia 37 no.6:66 N-D '58 (MIRA 11:12)

1. Iz kliniki chelyustno-litsevoy khirurgii (zav. - zasluzhennyy deyatel' nauki A.F. Keyzer) Nauchno-issledovatel'skogo instituta ortopedii, travmatologii i protezirovaniya Ministerstva zdravookhraneniya Uzbekskoy SSR (dir. kand.med.nauk A.Sh. Shakirov).
(PALATE--SURGERY)

ILHA ITOVA, N. E.

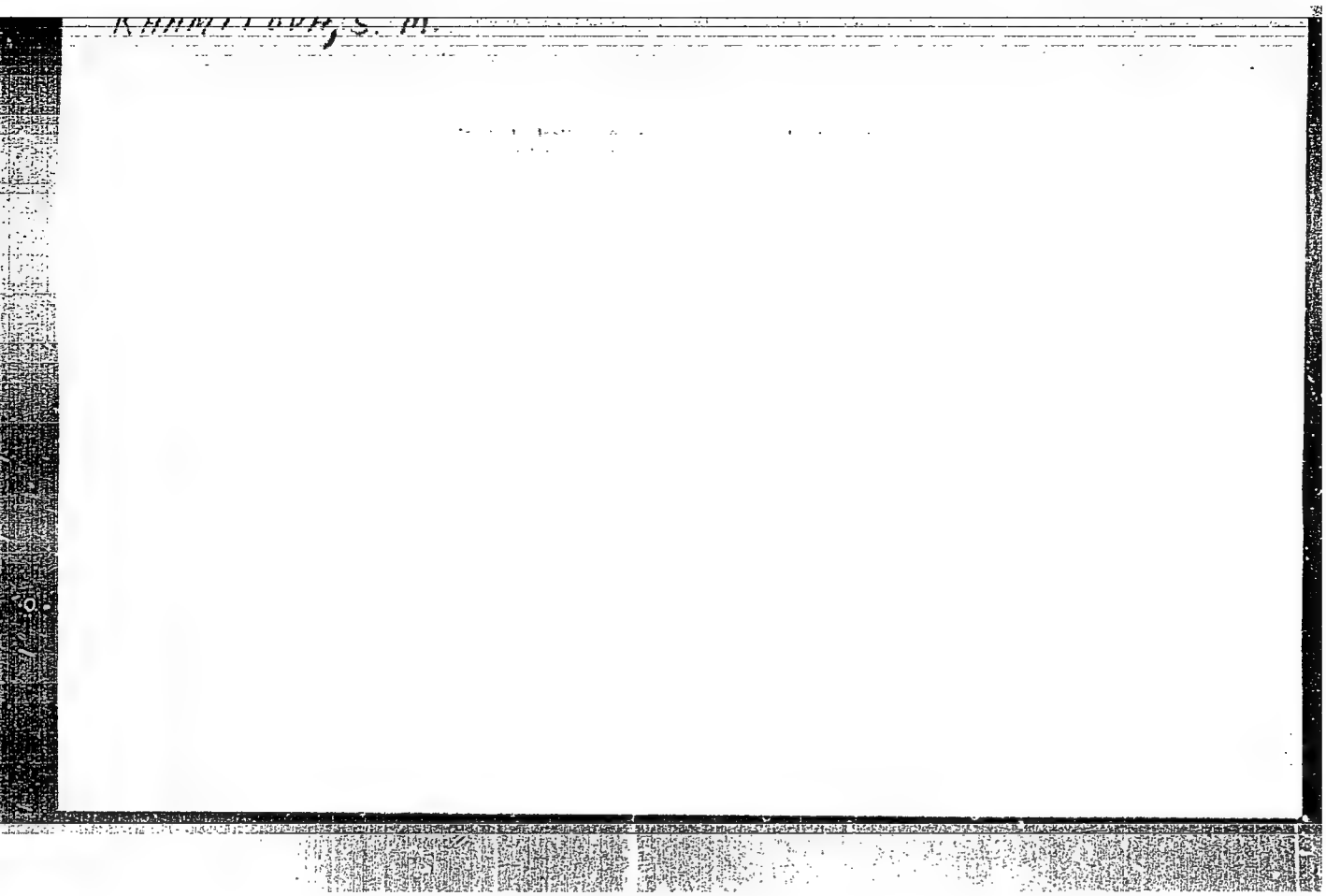
"Evaluation of the effectiveness of modern preventive antisilicosis measures in Kazakhstan."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists and Infectionists, 1959.

KHAMITOVA, S.M.

Developing effective methods for combating dodder in alfalfa seeds. Izv.Otd.est.nauk AN Tadzh.SSR no.12:119-132 '55. (MLRA 9:10)

1. Otdel khlopkovodstva AN Tadzhikskoy SSR.
(Dodder) (Alfalfa--Diseases and pests)



Khamitova, V.Z.

TULYAKOV, I.V.; KHAMITOVA, V.Z.

Alumimum for preventing silicosis. Trudy Inst.kraev.pat. AN Kazakh. SSR 1:28-40 '52. (MLRA 10:2)

(LUNGS—DUST DISEASES) (ALUMINUM)

BUTORINA, A.N.; KHAMITOVA, V.Z.

Cooperation of the Institute of Regional Pathology with the medical institutions of the Republic. Vest.AN Kazakh.SSR 10 no.6:67-70 Je '53. (MLRA 6:8)

(Kazakhstan--Public health, Rural) (Public health, Rural--Kazakhstan)

KHAMITOVA,V.Z.

Evaluation of the efficiency of silicosis control measures in some mines of Kazakhstan. Vest.AN Kazakh.SSR 11 no.7:68-72 Jl'55. (MLRA 8:10)

(Kazakhstan--Lungs--Dust diseases)

KHAMITOVA, V.Z.

Sources of dust formation in some coal mines in Karaganda and dust control measures. Trudy Inst.kraev.pat. AN Kazakh.SSR 4:149-153 '56. (MLRA 10:3)

(KARAGANDA BASIN--MINE DUSTS)

KHAMITOVA, V.Z.

KONDRATENKO, A.I.; KHAMITOVA, V.Z.

Effect of the admixture of lead and some other metals to mine dust on the development of silicosis. Trudy Inst.kraev.pat. AN Kazakh. SSR 4:188-195 '56. (MLRA 10:3)

(MINE DUSTS) (LUNGS--DUST DISEASES)

KHAMITOVA, V.Z., KOVSHAR, Yu.B.

Results of a conference of industrial and medical personnel on silicosis control. Gig.truda i prof. zav. 2 no.5:57-58 S-O '58 (MIRA 11:11)

(LUNGS--DUST DISEASES)